

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method for treating a patient suffering from a neoplastic or infectious disease, comprising: administering an effective amount of monocyte derived cells and an effective amount of chemotherapy drugs to said patient, with an interval between each administration being between 0 to 3 days.
2. (currently amended) The method according to claim 1, wherein said monocyte derived cells and chemotherapy drugs are administered ~~simultaneously~~ with an interval between each administration of 0 days.
3. (original) The method according to claim 1, wherein the chemotherapy drug is selected from the group consisting of anthracyclins, daunorubicin, adriamycin, taxoter derivatives, vinca alkaloids, vincristine, taxol, carmustine, cisplatin, fluorouracils, polyamine inhibitors, topoisomerase inhibitors, tamoxifene, prodasone, sandostatine, sodium butyrate, mitomycin C, penicillins, ) P-lactamines, cephalosporines, cyclines, aminoglucosides, macrolides, sulfamides, AZT, protease inhibitors, acyclovir, retrovir and foscarnet.
4. (original) The method according to claim 1, wherein the monocyte derived cells and the chemotherapy drugs are in the form of an injectable solution.
5. (currently amended) The method according to claim 1, wherein said monocyte derived cells are prepared according to the steps ~~further~~ comprising:

- a) recovering blood derived mononuclear cells directly from blood apheresis or from blood bag collection, followed by centrifugation, to eliminate red blood cell granulocytes and platelets, and to collect peripheral blood leukocytes;
- b) washing peripheral blood leukocytes obtained from step a) by centrifugation to remove platelets, red blood cells and debris to obtain mononuclear cells;
- c) resuspending the mononuclear cells obtained in step ~~e~~b) in a culture medium, and
- d) culturing said cells ~~of preceding~~obtained from step c) for 5 to 10 days to obtain monocyte derived cells and contaminating lymphocytes.

6. (original) The method according to claim 1, wherein said monocyte derived cells have been cultured for 5 to 10 days.